



# The Ground Plane

South Bay  
Amateur  
Radio  
Association  
ARRL Member Club  
Since 1974



Volume 2 Edition 9

September, 2001



Our thoughts go out to all of the people affected with the loss that the Nation has experienced on September 11, 2001.



## Presidents Message SBARA 2001 President—Mike AB6CV

At last months meeting we had a couple of presentations done. Al WT6K did an excellent presentation on medical uses of RF energy. It was really very interesting to hear about how they can generate and focus a high energy rf beam on a small area of the human body. Al brought some cut-away samples of the equipment used so you could see the complexity of the designs.

I followed Al and did a presentation on digital modes. RTTY SSTV PSK31 and others were discussed. I had not really planned to do it but we are running out of speakers so I had to come up with something fast. I hope some of you picked some things up.

I will be doing a presentation at the September meeting on antennas and feed lines.

I have been working hard to come up with some material for new hams as well as old to help us all figure out this antenna stuff.

With the horrible disaster in NY, Washington, and Pennsylvania lately our hearts go out to the victims. As hams we need to prepare ourselves to help out in times of emergencies. By volunteering to set up and run communications for events like Prima Vera you are learning important skills. Even if you don't realize it.

These same skills can be used in an emergency to set up nets and handle traffic. Those of you with HF equipment can participate in nets on a more global basis to handle health and welfare traffic during emergencies even if you are not in the area of the actual emergency.

Perhaps some relative in the affected area is trying to get a message home to the Bay Area telling everyone he is ok? You may be able to relay that message to a worried family.

I hope none of our members lost anyone in these horrible events. 73, Mike AB6CV

## September Program

Do joins us for a discussion on antennas and feed lines. Plan on joining us at 7:30PM—September 19th at the Community Center.

## What's In This Issue

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Mike Showing Digital Items

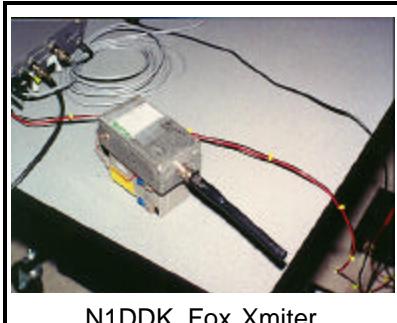


Digital Modes Demo

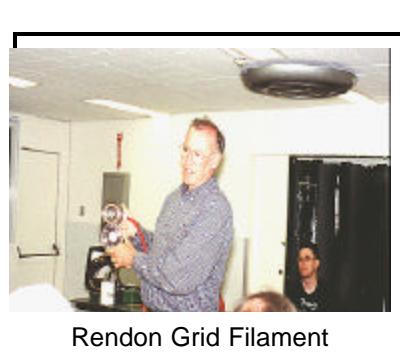
## SBARA Programs September to December

|              |                      |     |     |
|--------------|----------------------|-----|-----|
| September 19 | To Be Announced      | TBD | TBD |
| December     | Annual Holiday Party | TDB | TBD |

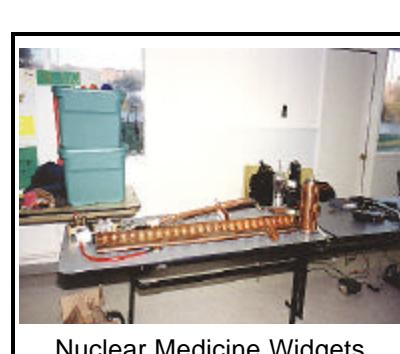
## Sights from Field Day—Lake Elizabeth June 2001



N1DDK\_Fox Xmitter



Rendon Grid Filament



Nuclear Medicine Widgets



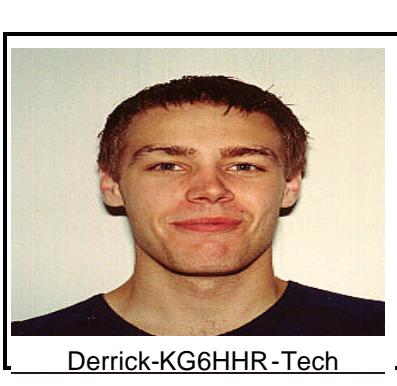
Nuclear Medicine Widgets



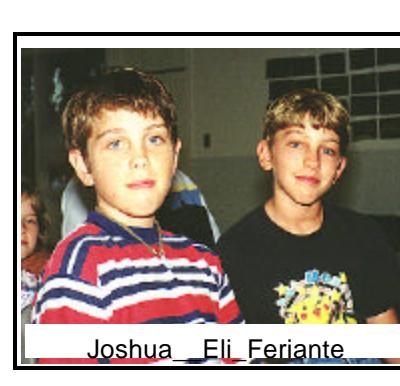
Nuclear Medicine Widgets



Thyratron



Derrick-KG6HHR-Tech

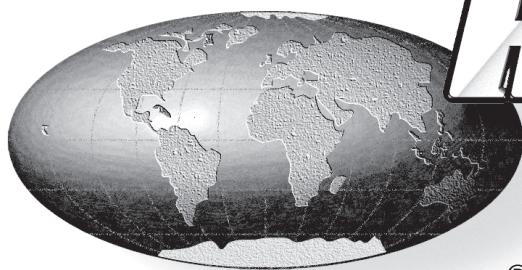


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